

CLAIMS

What is claimed is:

1       1. A locator for a wireless communication device that  
2 has a device identification, the locator can be coupled to  
3 an outlet box that is mounted to a wall and has a physical  
4 location, and coupled to a server that has a relational  
5 database that correlates the device identification with the  
6 physical location, comprising:

7           a housing that is coupled to the outlet box;  
8           a transceiver that is coupled to said housing and  
9 wirelessly coupled to the wireless communication device to  
10 receive the device identification; and,

11          a circuit that is coupled to said transceiver and  
12 contains a stored locator address that corresponds to the  
13 physical location of the outlet box, said circuit transmits  
14 said stored locator address and the device identification  
15 to the server.

1       2. The locator of claim 1, wherein said circuit  
2 compares the device identification with a stored device

3 identification and only transmits the device identification  
4 and said stored locator address if the device  
5 identification is different from said stored device  
6 identification.

1       3. The locator of claim 1, wherein said circuit  
2 transmits the device identification and said stored locator  
3 address if a 9-1-1 call is generated from the wireless  
4 communication device.

1       4. The locator of claim 1, wherein said circuit  
2 includes a processor and a memory.

1       5. The locator of claim 1, wherein said transceiver  
2 includes an antennae.

1       6. The locator of claim 1, further comprising an  
2 electrical connector attached to said housing and coupled  
3 to said circuit.

1       7. The locator of claim 6, wherein said electrical  
2 connector is a RJ-45 device.

1       8. The locator of claim 1, wherein said circuit  
2 retransmits wireless communication received from the  
3 wireless communication device.

1       9. A locator for a wireless communication device that  
2 has a device identification, the locator can be coupled to  
3 an outlet box that is mounted to a wall and has a physical  
4 location, and coupled to a server that has a relational  
5 database that correlates the device identification with the  
6 physical location, comprising:

7       a housing that is coupled to the outlet box;  
8       a transceiver that is coupled to said housing and  
9 wirelessly coupled to the wireless communication device to  
10 receive the device identification; and,  
11       circuit means for transmitting a stored locator address  
12 and the device identification to the server, said stored  
13 locator address corresponds to the physical location of the  
14 outlet box.

1       10. The locator of claim 9, wherein said circuit means  
2 compares the device identification with a stored device

3 identification and only transmits the device identification  
4 and said stored locator address if the device  
5 identification is different from said stored device  
6 identification.

1 11. The locator of claim 9, wherein said circuit means  
2 transmits the device identification and said stored locator  
3 address if a 9-1-1 call is generated from the wireless  
4 communication device.

1 12. The locator of claim 9, wherein said circuit means  
2 includes a processor and a memory.

1 13. The locator of claim 9, wherein said transceiver  
2 includes an antennae.

1 14. The locator of claim 9, further comprising an  
2 electrical connector attached to said housing and coupled  
3 to said circuit.

1 15. The locator of claim 14, wherein said electrical  
2 connector is a RJ-45 device.

1       16. The locator of claim 9, wherein said circuit means  
2 retransmits wireless communication received from the  
3 wireless communication device.

1       17. A method for locating a wireless communication  
2 device that has a device identification with a locator that  
3 can be coupled to an outlet box that is mounted to a wall  
4 and has a physical location, the locator being coupled to a  
5 server that has a relational database that correlates the  
6 device identification with the physical location,  
7 comprising:

8       connecting a locator to the outlet box;  
9       transmitting a wireless communication to the locator  
10 from the wireless communication device, the wireless  
11 communication including the device identification; and,  
12       transmitting the device identification and a stored  
13 locator address from the locator to the server, the stored  
14 locator address corresponds to the physical address of the  
15 outlet box.

1       18. The method of claim 17, further comprising  
2 comparing the device identification with a stored device  
3 identification and transmitting the device identification  
4 and the stored locator address if the device identification  
5 does not match the stored device identification.

1       19. The method of claim 17, wherein the device  
2 identification and stored locator address are transmitted  
3 in response to the wireless communication device  
4 transmitting a 9-1-1 call.

1       20. The method of claim 17, wherein the locator  
2 retransmits the wireless communication.

1       21. An outlet box that is mounted to a wall and has a  
2 physical location, a wireless communication device that has  
3 a device identification, the outlet box being coupled to a  
4 server that has a relational database that correlates the  
5 device identification with the physical location,  
6 comprising:  
7       a housing;

8       a transceiver that is coupled to said housing and  
9       wirelessly coupled to the wireless communication device to  
10      receive the device identification; and,

11       a circuit that is coupled to said transceiver and  
12      contains a stored locator address that corresponds to the  
13      physical location of the outlet box, said circuit transmits  
14      said stored locator address and the device identification  
15      to the server.

1       22. The outlet box of claim 21, wherein said circuit  
2      compares the device identification with a stored device  
3      identification and only transmits the device identification  
4      and said stored locator address if the device  
5      identification is different from said stored device  
6      identification.

1       23. The outlet box of claim 22, wherein said circuit  
2      transmits the device identification and said stored locator  
3      address if a 9-1-1 call is generated from the wireless  
4      communication device.

1       24. The outlet box of claim 21, wherein said circuit  
2 includes a processor and a memory.

1       25. The outlet box of claim 21, wherein said  
2 transceiver includes an antennae.

1       26. The outlet box of claim 21, further comprising an  
2 electrical connector attached to said housing and coupled  
3 to said circuit.

1       27. The outlet box of claim 26, wherein said  
2 electrical connector is a RJ-45 device.

1       28. The outlet box of claim 21, wherein said circuit  
2 retransmits wireless communication received from the  
3 wireless communication device.

1       29. An outlet box that is mounted to a wall and has a  
2 physical location, a wireless communication device that was  
3 a device identification, the locator being coupled to a  
4 server that has a relational database that correlates the

5 device identification with the physical location,

6 comprising:

7 a housing;

8 a transceiver that is coupled to said housing and

9 wirelessly coupled to the wireless communication device to

10 receive the device identification; and,

11 circuit means for transmitting a stored locator address

12 and the device identification to the server, said stored

13 locator address corresponds to the physical location of the

14 outlet box.

1 30. The outlet box of claim 29, wherein said circuit

2 means compares the device identification with a stored

3 device identification and only transmits the device

4 identification and said stored locator address if the

5 device identification is different from said stored device

6 identification.

1 31. The outlet box of claim 29, wherein said circuit

2 means transmits the device identification and said stored

3 locator address if a 9-1-1 call is generated from the  
4 wireless communication device.

1 32. The outlet box of claim 29, wherein said circuit  
2 means includes a processor and a memory.

1 33. The outlet box of claim 29, wherein said  
2 transceiver includes an antennae.

1 34. The outlet box of claim 29, further comprising an  
2 electrical connector attached to said housing and coupled  
3 to said circuit.

1 35. The outlet box of claim 34, wherein said  
2 electrical connector is a RJ-45 device.

1 36. The outlet box of claim 29, wherein said circuit  
2 retransmits wireless communication received from the  
3 wireless communication device.

1 37. A method for locating a wireless communication  
2 device that has a device identification with an outlet box

3 that is mounted to a wall and has a physical location, the  
4 outlet box being coupled to a server that has a relational  
5 database that correlates the device identification with the  
6 physical location, comprising:

7 transmitting a wireless communication to the outlet box  
8 from the wireless communication device, the wireless  
9 communication including the device identification; and,  
10 transmitting the device identification and a stored  
11 locator address from the outlet box to the server, the  
12 stored locator address corresponds to the physical address  
13 of the outlet box.

1 38. The method of claim 37, further comprising  
2 comparing the device identification with a stored device  
3 identification and transmitting the device identification  
4 and the stored locator address if the device identification  
5 does not match the stored device identification.

1 39. The method of claim 37, wherein the device  
2 identification and stored locator address are transmitted

3 in response to the wireless communication device  
4 transmitting a 9-1-1 call.

1 40. The method of claim 37, wherein the outlet box  
2 retransmits the wireless communication.

1 41. A locator system for a wireless communication  
2 device that has a device identification, the system  
3 includes a locator that can be coupled to an outlet box  
4 that is mounted to a wall and has a physical location,  
5 comprising:

6 a location information server that contains a  
7 relational database, said relational database correlates  
8 the device identification with the physical location of the  
9 outlet box; and,

10 a locator that is connected to the outlet box, said  
11 locator receives a wireless communication from the wireless  
12 communication device that includes the device  
13 identification, said locator contains a stored locator  
14 address that corresponds to the physical location of the  
15 outlet box, and transmits said stored locator address and

16 the device identification to said location information  
17 server.

1       42. The system of claim 41, wherein said locator  
2 compares the device identification with a stored device  
3 identification and only transmits the device identification  
4 and said stored locator address if the device  
5 identification is different from said stored device  
6 identification.

1       43. The system of claim 41, wherein said locator  
2 transmits the device identification and said stored locator  
3 address if a 9-1-1 call is generated from the wireless  
4 communication device.

1       44. The system of claim 41, wherein said locator  
2 includes a processor and a memory.

1       45. The system of claim 41, wherein said locator  
2 includes an antennae.

1       46. The system of claim 41, wherein said locator  
2 includes an electrical connector.

1       47. The system of claim 46, wherein said electrical  
2 connector is a RJ-45 device.

1       48. The system of claim 41, wherein said locator  
2 retransmits wireless communication received from the  
3 wireless communication device.

1       49. A locator system for a wireless communication  
2 device that has a device identification, the system  
3 includes a locator that can be coupled to an outlet box  
4 that is mounted to a wall and has a physical location,  
5 comprising:  
6           a location information server that contains a  
7 relational database, said relational database correlates  
8 the device identification with the physical location of the  
9 outlet box; and,

10       locator means for receiving a wireless communication  
11 from the wireless communication device that includes the

12 device identification, and transmitting a stored locator  
13 address and the device identification to said location  
14 information server, said stored locator address corresponds  
15 to the physical location of the outlet box.

1       50. The system of claim 49, wherein said locator means  
2 compares the device identification with a stored device  
3 identification and only transmits the device identification  
4 and said stored locator address if the device  
5 identification is different from said stored device  
6 identification.

1       51. The system of claim 49, wherein said locator means  
2 transmits the device identification and said stored locator  
3 address if a 9-1-1 call is generated from the wireless  
4 communication device.

1       52. The system of claim 49, wherein said locator means  
2 includes a processor and a memory.

1       53. The system of claim 49, wherein said locator means  
2 includes an antennae.

1       54. The system of claim 49, wherein said locator means  
2 includes an electrical connector.

1       55. The system of claim 54, wherein said electrical  
2 connector is a RJ-45 device.

1       56. The system of claim 49, wherein said locator means  
2 retransmits wireless communication received from the  
3 wireless communication device.

1       57. A method for locating a wireless communication  
2 device that has a device identification with a locator that  
3 can be coupled to an outlet box that is mounted to a wall  
4 and has a physical location, the locator being coupled to a  
5 location information server that has a relational database  
6 that correlates the device identification with the physical  
7 location, comprising:

8             connecting a locator to the outlet box;  
9             transmitting a wireless communication to the locator  
10          from the wireless communication device, the wireless  
11          communication including the device identification;

12       transmitting the device identification and a stored  
13 locator address from the locator to the location  
14 information server, the stored locator address corresponds  
15 to the physical address of the outlet box; and,  
16       correlating the device identification with the physical  
17 location within the relational database.

1       58. The method of claim 57, further comprising  
2 comparing the device identification with a stored device  
3 identification and transmitting the device identification  
4 and the stored locator address if the device identification  
5 does not match the stored device identification.

1       59. The method of claim 57, wherein the device  
2 identification and stored locator address are transmitted  
3 in response to the wireless communication device  
4 transmitting a 9-1-1 call.

1       60. The method of claim 57, wherein the locator  
2 retransmits the wireless communication.

1       61. A locator system for a wireless communication  
2 device that has a device identification, the system  
3 includes an outlet box that is mounted to a wall and has a  
4 physical location, comprising:

5       a location information server that contains a  
6 relational database, said relational database correlates  
7 the device identification with the physical location of the  
8 outlet box; and,

9       an outlet box that receives a wireless communication  
10 from the wireless communication device that includes the  
11 device identification, said outlet box contains a stored  
12 locator address that corresponds to the physical location  
13 of said outlet box, and transmits said stored locator  
14 address and the device identification to said location  
15 information server.

1       62. The system of claim 61, wherein said outlet box  
2 compares the device identification with a stored device  
3 identification and only transmits the device identification  
4 and said stored locator address if the device

5 identification is different from said stored device  
6 identification.

1       63. The system of claim 61, wherein said outlet box  
2 transmits the device identification and said stored locator  
3 address if a 9-1-1 call is generated from the wireless  
4 communication device.

1       64. The system of claim 61, wherein said outlet box  
2 includes a processor and a memory.

1       65. The system of claim 61, wherein said outlet box  
2 includes an antennae.

1       66. The system of claim 61, wherein said outlet box  
2 includes an electrical connector.

1       67. The system of claim 66, wherein said electrical  
2 connector is a RJ-45 device.

1       68. The system of claim 61, wherein said outlet box  
2 retransmits wireless communication received from the  
3 wireless communication device.

1       69. A locator system for a wireless communication  
2 device that has a device identification, the system  
3 includes an outlet box that is mounted to a wall and has a  
4 physical location, comprising:

5           a location information server that contains a  
6 relational database, said relational database correlates  
7 the device identification with the physical location of the  
8 outlet box; and,

9           outlet box means for receiving a wireless communication  
10 from the wireless communication device that includes the  
11 device identification, and transmitting a stored locator  
12 address and the device identification to said location  
13 information server, said stored locator address corresponds  
14 to the physical location of the outlet box.

1       70. The system of claim 69, wherein said outlet box  
2 means compares the device identification with a stored

3 device identification and only transmits the device  
4 identification and said stored locator address if the  
5 device identification is different from said stored device  
6 identification.

1       71. The system of claim 69, wherein said outlet box  
2 means transmits the device identification and said stored  
3 locator address if a 9-1-1 call is generated from the  
4 wireless communication device.

1       72. The system of claim 69, wherein said outlet box  
2 means includes a processor and a memory.

1       73. The system of claim 69, wherein said outlet box  
2 means includes an antennae.

1       74. The system of claim 69, wherein said outlet box  
2 means includes an electrical connector.

1       75. The system of claim 74, wherein said electrical  
2 connector is a RJ-45 device.

1       76. The system of claim 70, wherein said outlet box  
2 means retransmits wireless communication received from the  
3 wireless communication device.

1       77. A method for locating a wireless communication  
2 device that has a device identification with an outlet box  
3 that is mounted to a wall and has a physical location, the  
4 locator being coupled to a location information server that  
5 has a relational database that correlates the device  
6 identification with the physical location, comprising:  
7           transmitting a wireless communication to the outlet box  
8 from the wireless communication device, the wireless  
9 communication including the device identification;

10          transmitting the device identification and a stored  
11 locator address from the outlet box to the location  
12 information server, the stored locator address corresponds  
13 to the physical address of the outlet box; and,  
14          correlating the device identification with the physical  
15 location within the relational database.

1        78. The method of claim 77, further comprising  
2 comparing the device identification with a stored device  
3 identification and transmitting the device identification  
4 and the stored locator address if the device identification  
5 does not match the stored device identification.

1        79. The method of claim 77, wherein the device  
2 identification and stored locator address are transmitted  
3 in response to the wireless communication device  
4 transmitting a 9-1-1 call.

1        80. The method of claim 77, wherein the outlet box  
2 retransmits the wireless communication.